

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **SR-11-310**

ANALYST & DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 26.6%	COARSE SAND: 14.2%		
MODE 2:	2400.0	-1.243	SAND: 73.3%	MEDIUM SAND: 21.6%		
MODE 3:			MUD: 0.1%	FINE SAND: 20.1%		
D_{10} :	185.3	-1.833		V FINE SAND: 2.5%		
MEDIAN or D_{50} :	656.3	0.607	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	3562.5	2.432	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	19.23	-1.327	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	3377.2	4.265	FINE GRAVEL: 7.3%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	7.870	-1.782	V FINE GRAVEL: 19.3%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	1832.2	2.976	V COARSE SAND: 15.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	1340.0	732.1	0.450	729.4	0.455	Coarse Sand
SORTING (σ):	1390.0	3.116	1.639	3.189	1.673	Poorly Sorted
SKEWNESS (Sk):	1.224	0.065	-0.065	0.120	-0.120	Coarse Skewed
KURTOSIS (K):	3.413	1.920	1.920	0.681	0.681	Platykurtic

GRAIN SIZE DISTRIBUTION